

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097149.D
 Acq On : 28 Jul 2017 12:47
 Operator : SJ/JU
 Sample : I4397-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Manual Integrations
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 7/31/2017 6:51:36 PM

Quant Time: Jul 28 13:56:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115380	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	502072	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	199608	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	285758	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	214134	20.00	ng	-0.02
86) Perylene-d12	14.96	264	190435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	791646	103.43	ng	0.00
7) Phenol-d6	6.15	99	921624	105.48	ng	-0.02
23) Nitrobenzene-d5	7.06	82	577318	67.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	156204	99.05	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	927391	78.85	ng	-0.02
78) Terphenyl-d14	12.57	244	558889	53.21	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	39883	3.848	ng	97
49) Dimethylphthalate	9.25	163	203661	13.436	ng	97
74) Fluoranthene	12.19	202	38533	2.569	ng	99
77) Pyrene	12.42	202	36962	2.108	ng	95
87) Benzo(b)fluoranthene	14.60	252	26811m	2.342	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

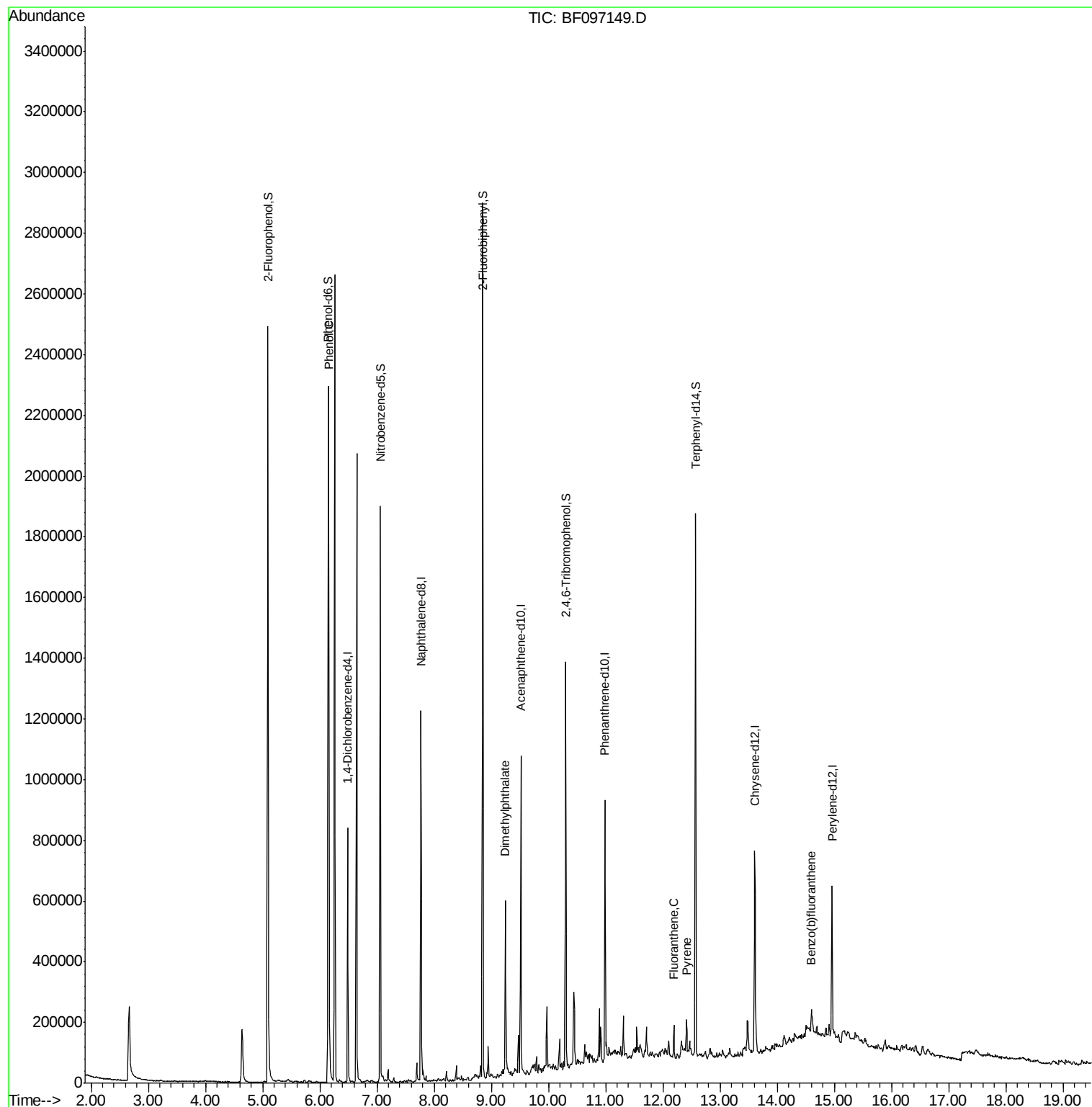
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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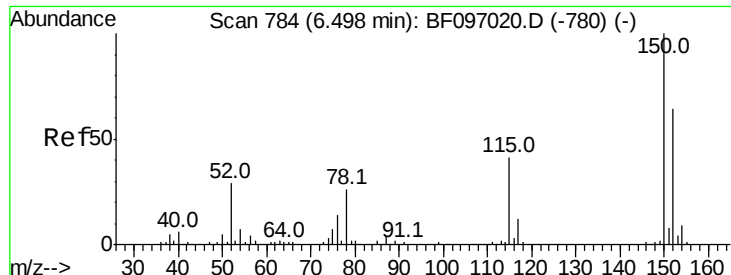
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P-1A-4.0-4.5-072117

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#1

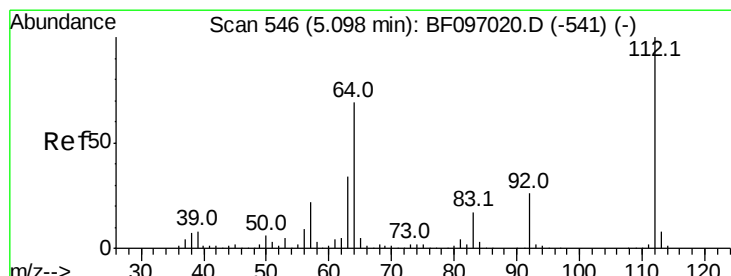
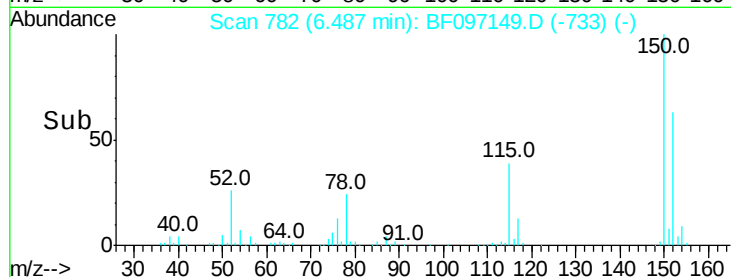
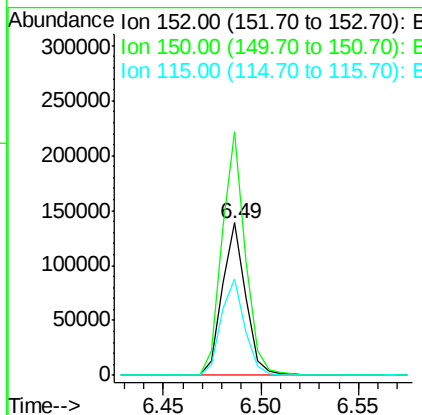
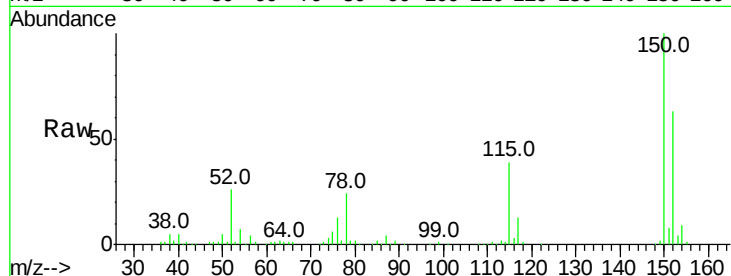
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
P-1A-4.0-4.5-072117

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	62.9	52.2	78.2

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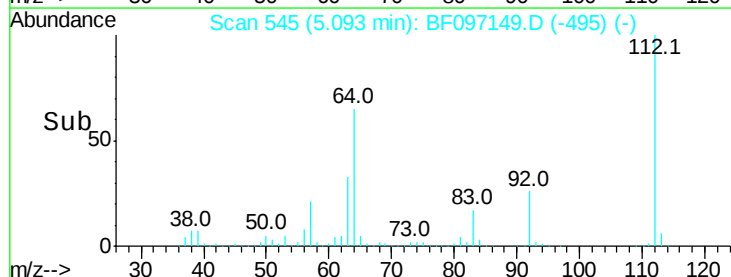
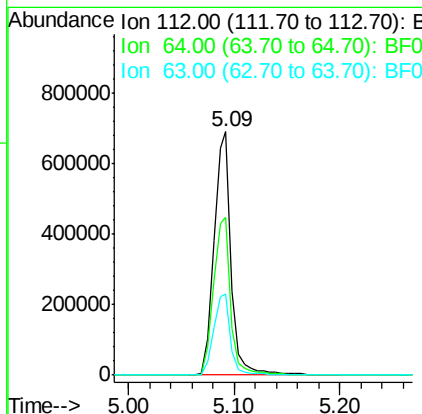
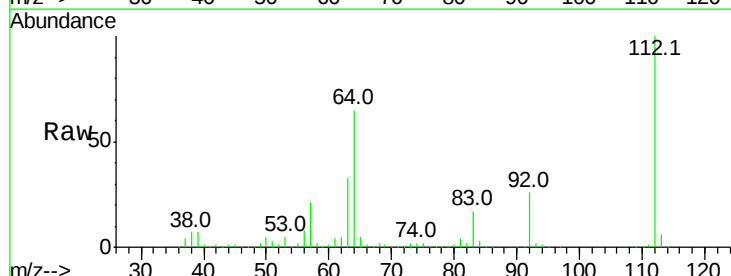
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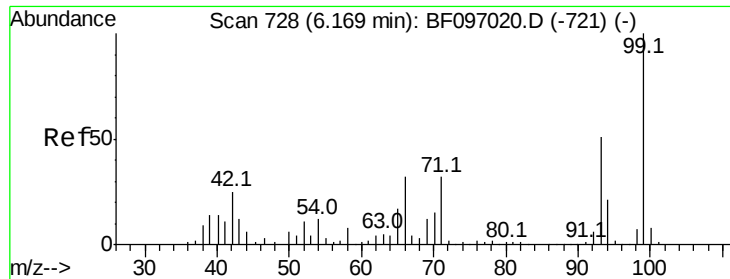


#5

2-Fluorophenol
Concen: 103.432 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	33.1	23.4	35.0





#7

Phenol-d6

Concen: 105.477 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

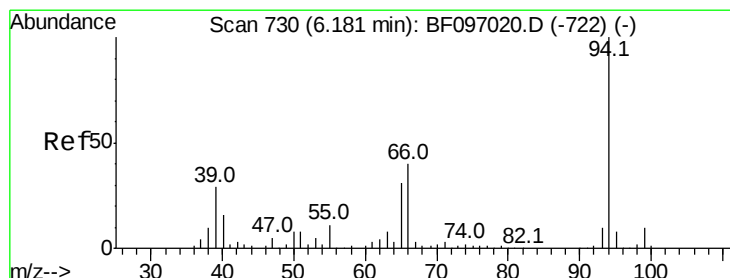
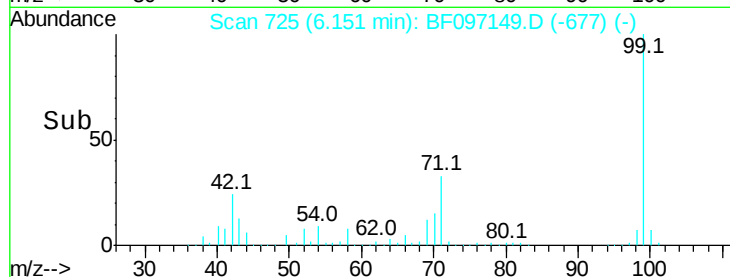
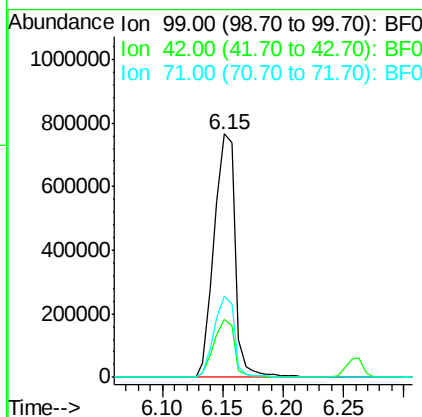
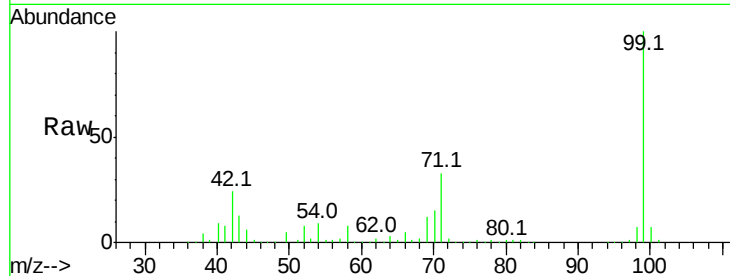
P-1A-4.0-4.5-072117

Tot Ion:	99	Resp:	921624
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.5	20.3#
71	33.4	24.5	36.7

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#10

Phenol

Concen: 3.848 ng

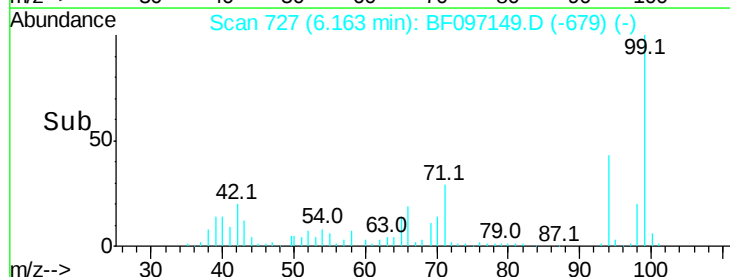
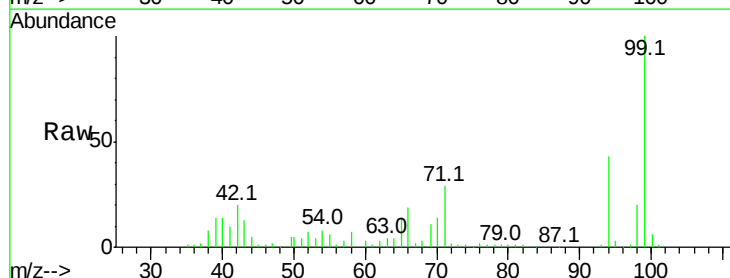
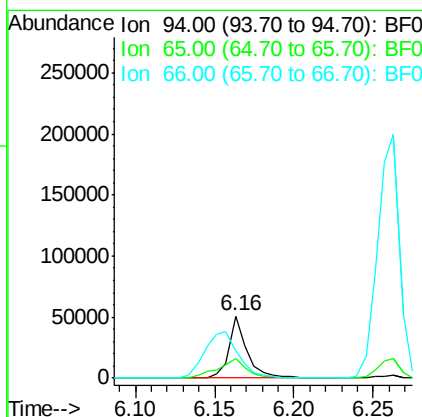
RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion:	94	Resp:	39883
Ion Ratio	Lower	Upper	
94	100		
65	31.8	9.9	49.9
66	44.5	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

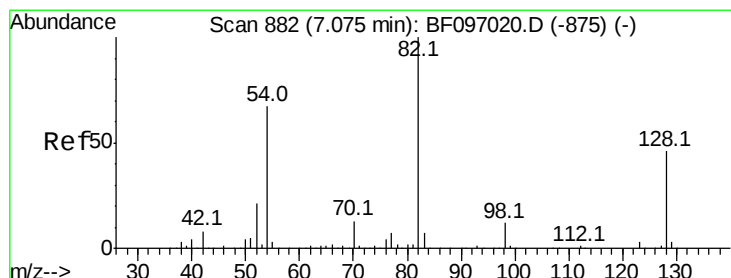
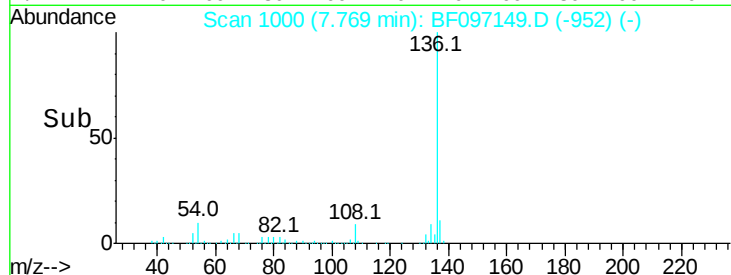
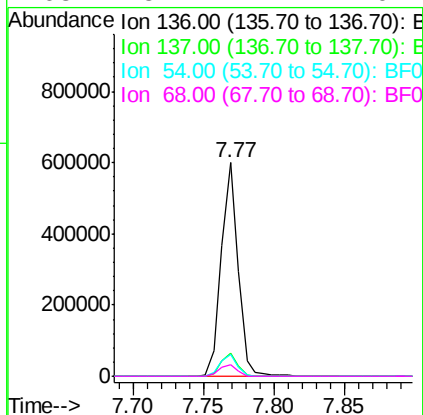
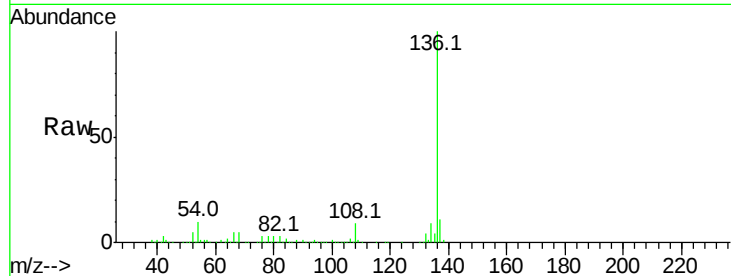
ClientSampleId :

P-1A-4.0-4.5-072117

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	10.4	4.9	7.3#	
68	5.4	4.1	6.1	

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#23

Nitrobenzene-d5

Concen: 67.456 ng

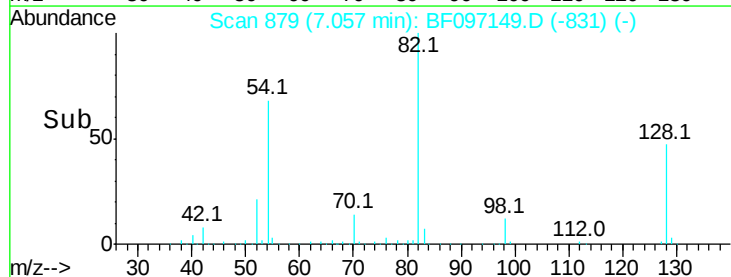
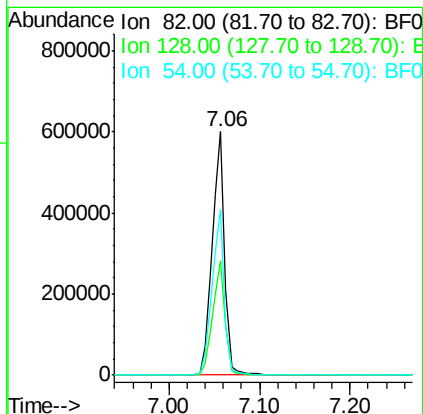
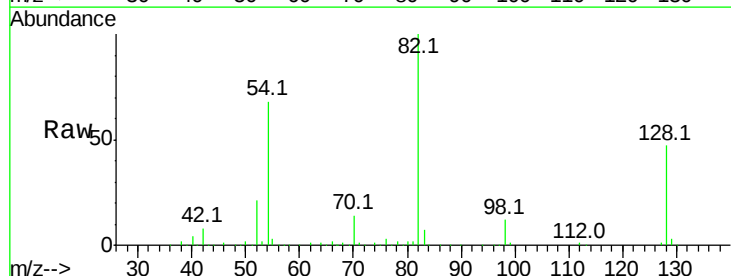
RT: 7.06 min Scan# 879

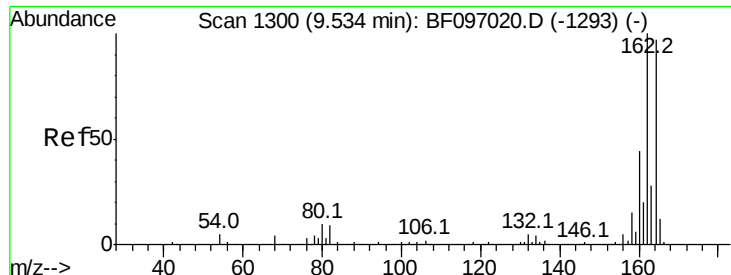
Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	67.8	42.2	63.2#	





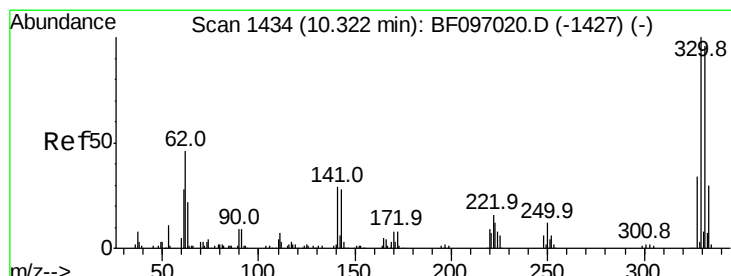
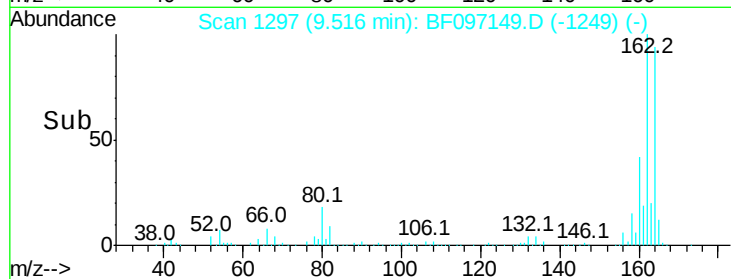
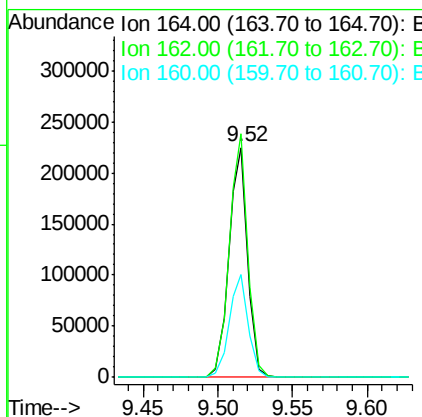
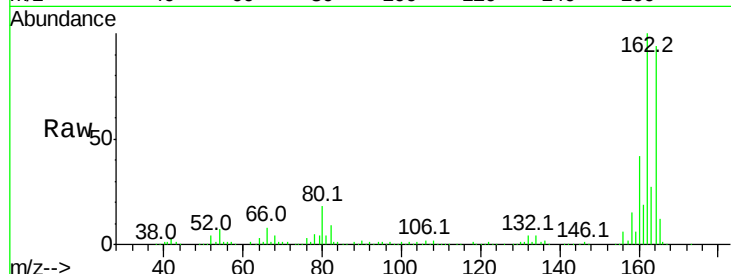
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Tot Ion	Ratio	Resp	Lower	Upper
164	100	199608		
162	106.0	82.6	123.8	
160	45.0	36.2	54.2	

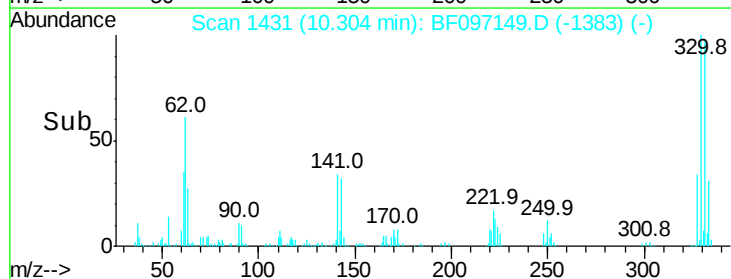
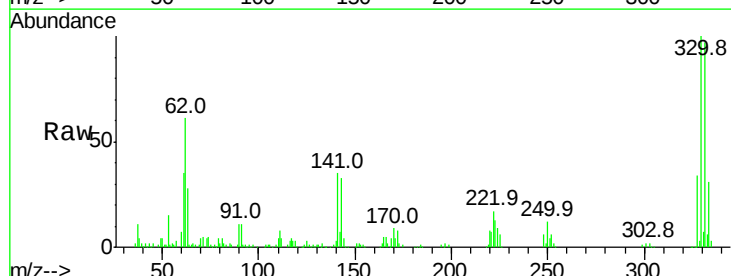
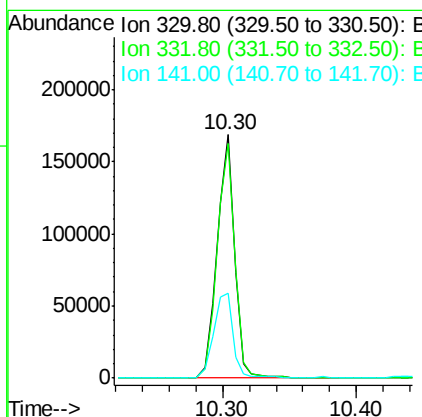
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#41
 2,4,6-Tribromophenol
 Concen: 99.045 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	156204		
332	98.2	76.6	115.0	
141	38.4	31.4	47.2	





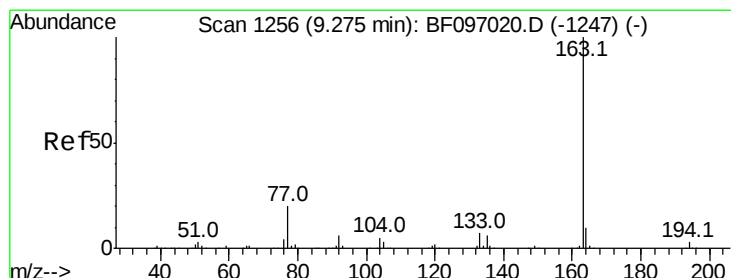
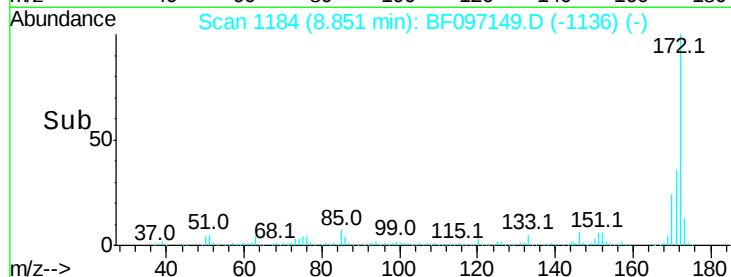
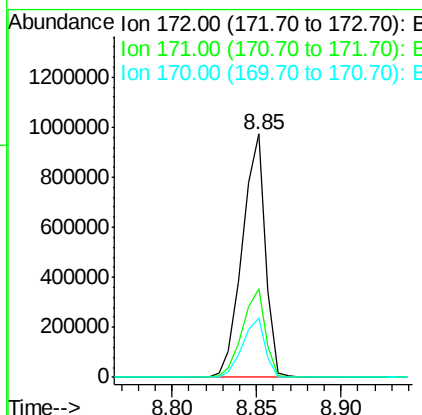
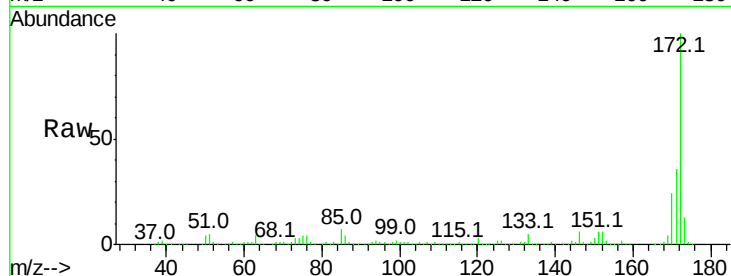
#44
2-Fluorobiphenyl
Concen: 78.848 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
P-1A-4.0-4.5-072117

Tot Ion	Ratio	Resp	Lower	Upper
172	100	927391		
171	36.3		29.6	44.4
170	24.2		19.8	29.8

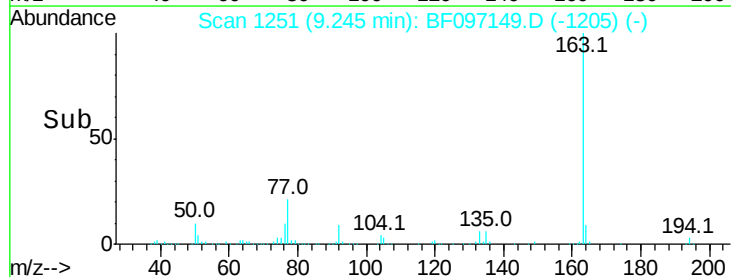
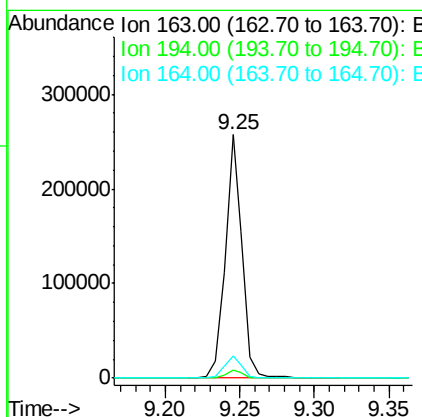
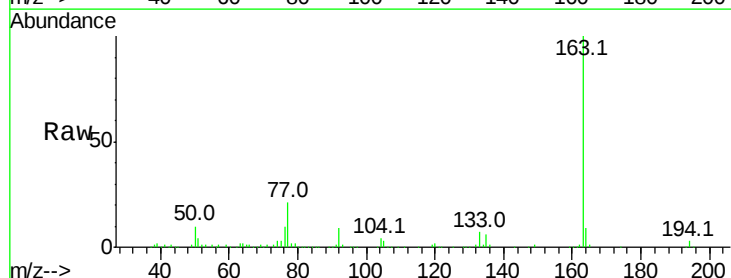
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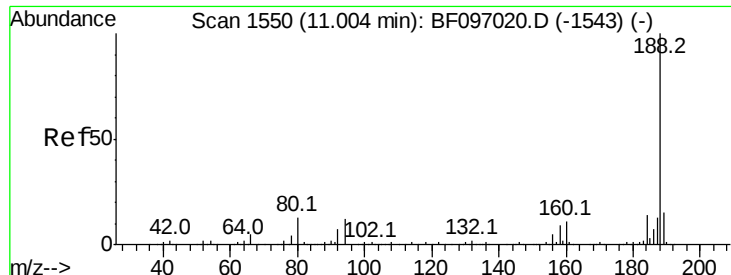
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#49
Dimethylphthalate
Concen: 13.436 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	203661		
194	3.1		2.6	4.0
164	9.3		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

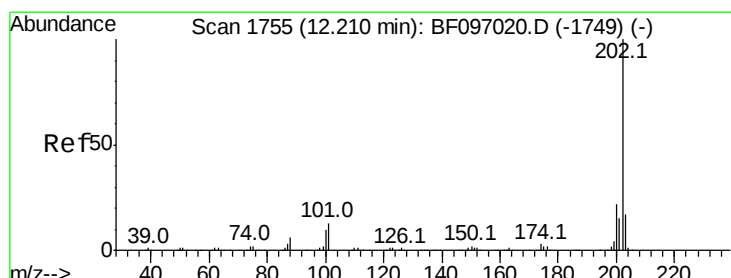
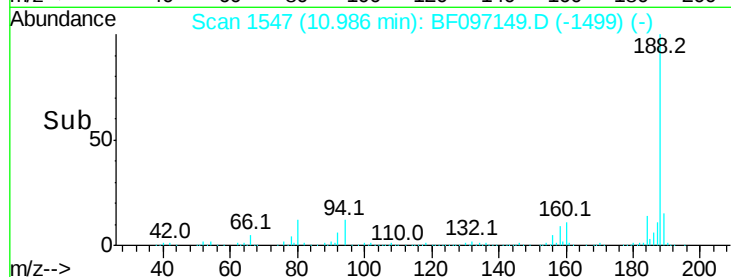
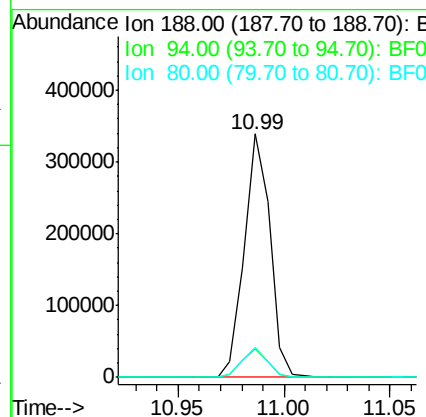
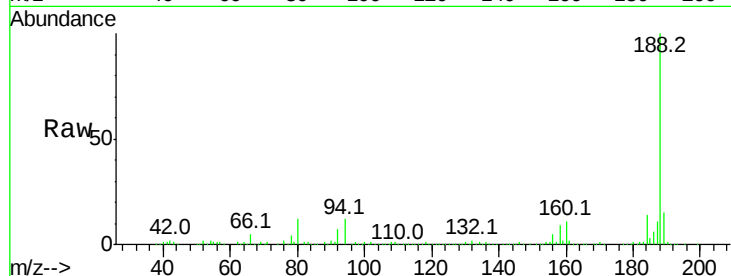
ClientSampleId :

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Tot Ion:	188	Resp:	285758
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.4	10.2	15.2

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#74

Fluoranthene

Concen: 2.569 ng

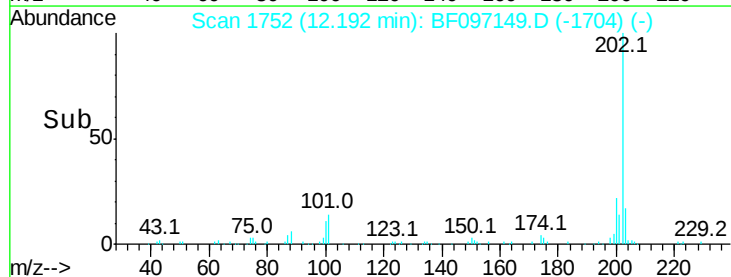
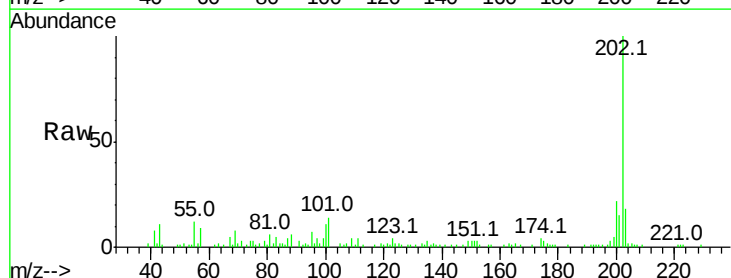
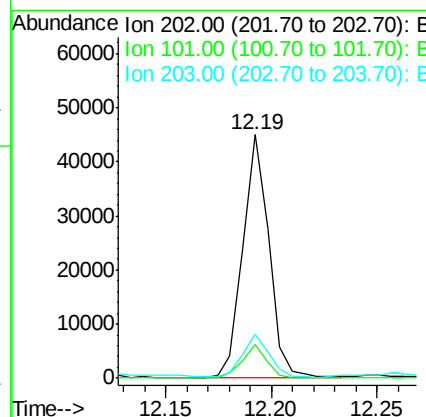
RT: 12.19 min Scan# 1752

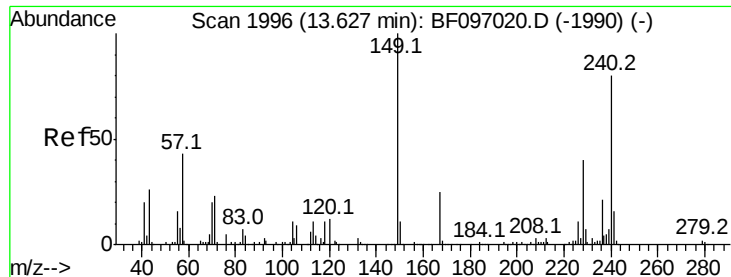
Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion:	202	Resp:	38533
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

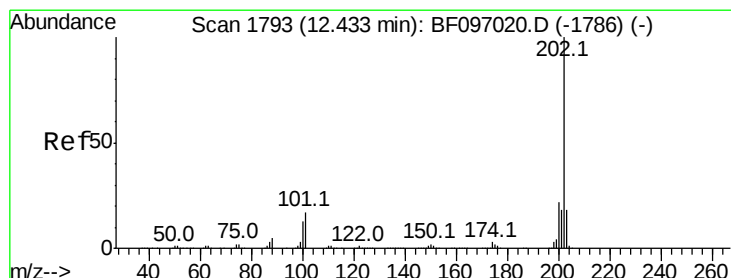
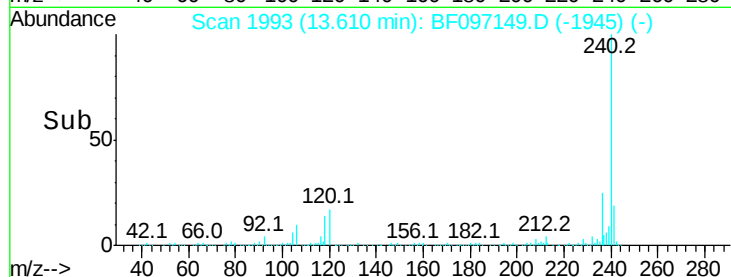
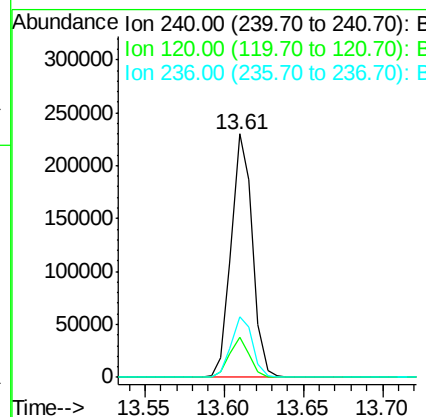
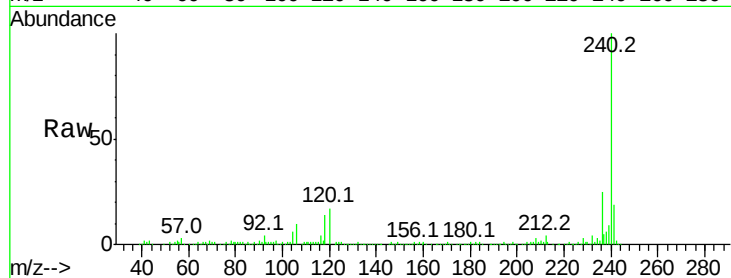
ClientSampleId :

P-1A-4.0-4.5-072117

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	24.6	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.108 ng

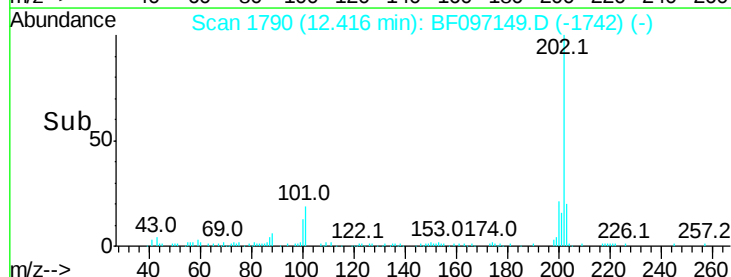
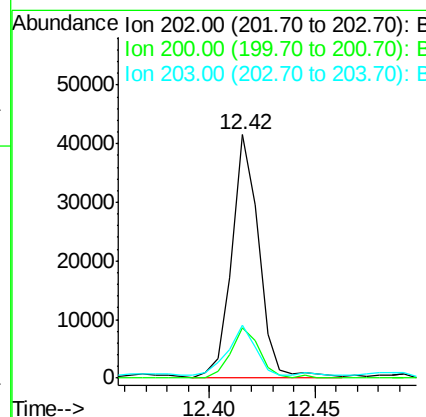
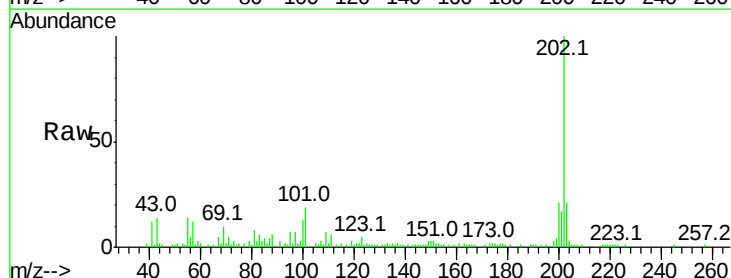
RT: 12.42 min Scan# 1790

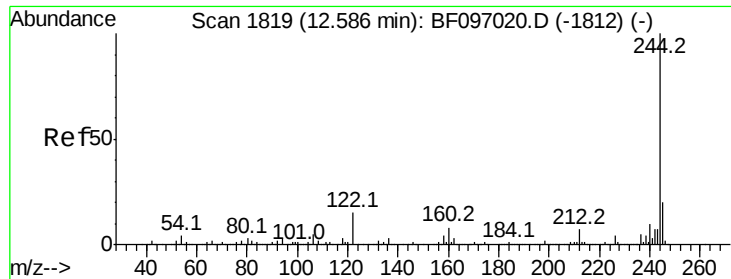
Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	21.5	14.4	21.6





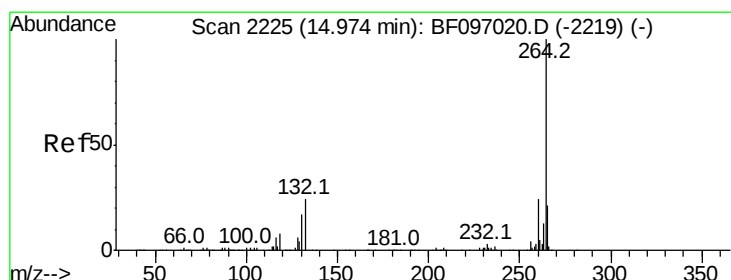
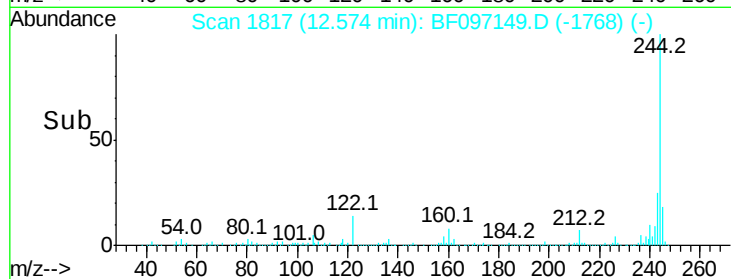
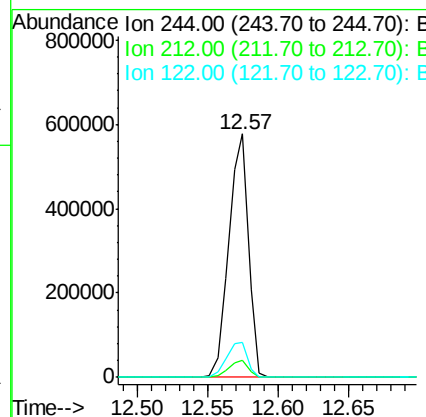
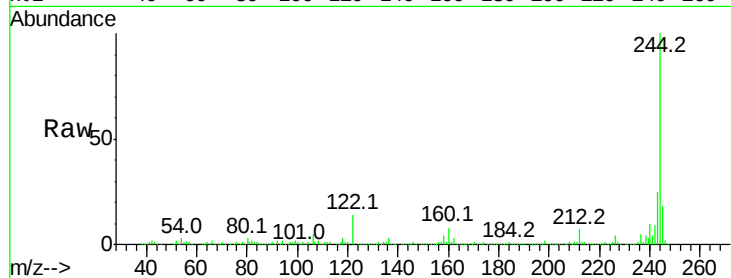
#78
 Terphenyl-d14
 Concen: 53.214 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

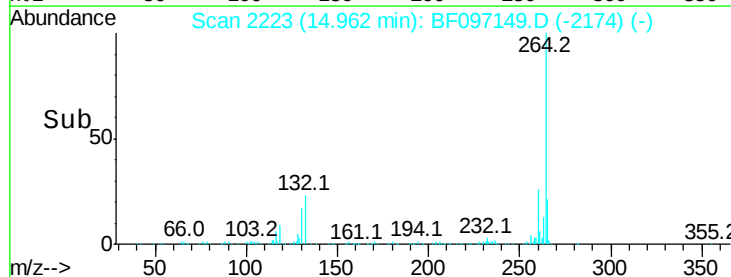
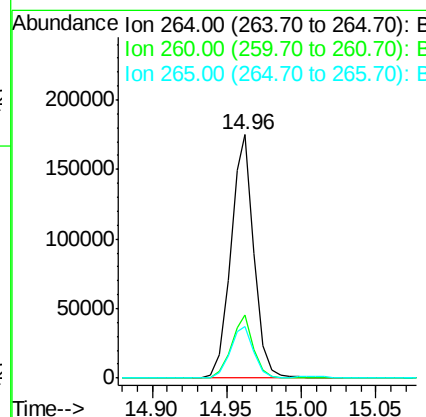
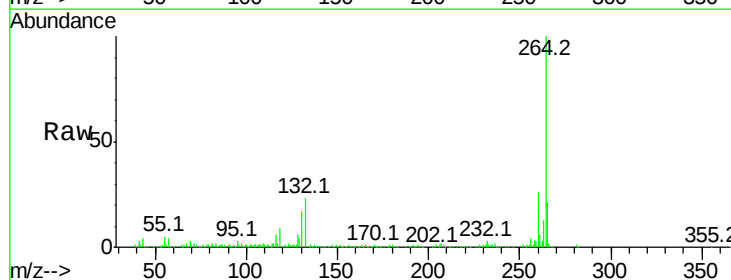
Manual Integrations
 APPROVED

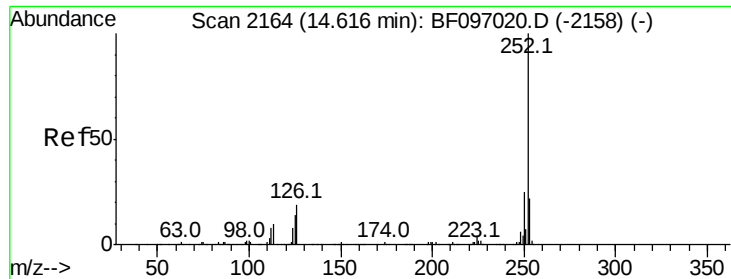
Sohil
 7/31/2017 6:51:36 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	21.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.342 ng m
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	20.7	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:51:36 PM

